TABLE OF CONTENTS

LIST OF TABLES

LIST OF FIGURES

LIST OF SCHEMES

ABBREVIATIONS AND SYMBOLS

$[\alpha]_D$	= Specific rotation (using a sodium vapor lamp)
AA	= Arachidonic acid
br s	= Broad singlet
^oC	= Degree Celsius
^{13}C-NMR	= Carbon-13 nuclear magnetic resonance
c	= Concentration
C	= Carbon
CC	= Column chromatography
$CDCl_3$	= Deuterated chloroform
CH_2Cl_2	= Dichloromethane
$CHCl_3$	= Chloroform
CIMS	= Chemical ionization mass spectrum
cm	= Centimeter
CO_2	= Carbon dioxide
COSY	= Correlated spectroscopy
COX	= Cyclooxygenase
δ	= Chemical shift
1-D	= One dimensional
2-D	= Two dimensional
d	= Doublet
DCM	= Dichloromethane
dd	= Doublet of doublets
DEPT	= Distortionless enhancement by polarization transfer
dm	= Decimeter
DMEM	= Dubelcco's Modified Eagle Meduim
DMSO	= Dimethylsulfoxide
ED_{50}	= 50% Effective dose
EIMS	= Electron impact mass spectrum

EtOAc	= Ethyl acetate
FCS	= Fetal calf serum
FID	= Flame ionization detector
g	= Gram
GC	= Gas chromatography
^{1}H-NMR	= Proton nuclear magnetic resonance
^{3}H-PGE$_2$	= Tritrium-labeled prostaglandin E$_2$
HEPES	= N-2-hydroxy ethylpiperazine-N′-2-ethanesulfonic acid
HMBC	= ^{1}H-detected heteronuclear multiple bond coherence
hrcims	= High resolution chemical ionization mass spectroscopy
hreims	= High resolution electron impact mass spectroscopy
hrs	= Hours
HSQC	= ^{1}H-detected high sensitive quantum coherence
Hz	= Hertz
IC$_{50}$	= 50% Inhibition concentration
i.d.	= Internal diameter
IR	= Infrared
J	= Coupling constant
kg	= Kilogram
l	= Liter
LD$_{50}$	= 50% Lethality dose
µg	= Microgram
µm	= Micrometer
m	= Metre
M$^+$	= Molecular ion
MeOH	= Methanol
mg	= Milligram
MH$^+$	= Protonated molecular ion
MHz	= Megahertz
MIC	= Minimum inhibition concentration

min	= Minutes
ml	= Milliliter
mm	= Millimeter
mM	= Millimolar
mp	= Melting point
MS	= Mass spectrum
ν_{max}	= Wavenumber at maximum absorption
NA	= Nutrition agar
$NaHCO_3$	= Sodium bicarbonate
NMR	= Nuclear magnetic resonance
No.	= Number
NOE	= Nuclear Overhauser effect
NOEDS	= Nuclear Overhauser effect difference spectrum
ppm	= Part per million
RI	= Retention index
RIA	= Radioimmunoassay
s	= Singlet
SDA	= Sabouraud dextrose agar
sp.	= Species
spp.	= Species
TLC	= Thin layer chromatography
TSA	= Trypticase soy agar